All amounts are calculated in domestic currency.

Purchase Order Receipt Listing

Wednesday, August 23, 2017 8:09:43 AM

All Vendors PO ID PO37472 All Receipt Dates All Line Item Types All Item ID/GL/WOs All Rec. Employees All Currencies Grouped by Vendor ID

(minute)	roject ID	Project ID Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name PO37472 1	VC-C	VC-COP001 Thyss M174R0.750	Thyssenkrupp Materials CA Ltd	8/31/2017	8/23/2017	0000	25 33	0000	4	
		17-4 round bar .750 m138344	် လူမှိုင် လူမှိုင်	12.0000			\$76.42	0.0000	0 0	\$76.42
		M303R0.750		8/31/2017	90	48,0000	\$3.54	0.0000	0	\$169.94
		50.5 Kound Bar 0.750 I m138344		48.0000	PLOU01		\$169.94	0.0000	0	
		M6061T6B00750X00 f	00 f 00.89	8/31/2017	8/23/2017	40.0000	\$1.10	0.0000	0	\$44.06
		6061-T6 Bar .750 x .125 m138344	Ç	40.0000	PLOU01		\$44.06	0.0000	0	
		71401-45 PROCUREMENT QUALITY CLAIUSES		8/31/2017	8/23/2017 PLOU01	1.0000	\$0.00	0.0000	0 0	\$0.00
		m138344								
							Total	Total Received Quantity: Total Qty to Inspect (PO U/M);	uantity: O U/M):	0.0000

0.0000

Total Reject Quantity:
Total Receipt Value:
Total Balance Due Quantity:

1

\$290.41

BILL OF L Ship From: THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ONTARIO L4K 5C6 Tel: 905 669 9444 Fax: 905-738-9033

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

PEC LADING No: 60379 Ship Date 22Aug17 at 11:54 From PFW Probill Via VIM DELIVERY FOB CONCORD Frt PREPAID Route 0- 0 Manifest Vhcle Trailer STAN IVERS (905-532-1350) Slp Sold To: (20115)DART AEROSPACE 1270 ABERDEEN ST HAWKESBURY, ON K6A 1K7

OF BILL LADING Our Order PEC- 84421- 1 Your PO # 37472 STAINLESS STEEL ROUND BAR 17-4 STAINLESS 750" DIA X 144.0000" Heat Numbers Tag No Ouantity Wt LBS 682977 12 FT 18 Our Order PEC- 84421-2 Your PO # 37472 STAINLESS STEEL ROUND BAR 303 STAINLESS .750% DIA X 144.0000" Heat Number LBS Tag No 479E DAS 682978 48 FT 74 Our Order PEC- 84421 39 3 Your PO # 37472 ALUMINUM FLAT BAR 6061-T6511 .125" x .750" X 240.0000" Heat Number Ouantity Tag No 682979 3B5358 40 FT DAS 5 PCS LBS Tags £ 0.89 TOTAL: 97

Heat Number 265874 3B5358 479E *** Chemical Analysis ***

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR

Page: 1Continued

SO A-8-33.

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

93 ROIT

BILL OF L Ship From: THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ONTARIO L4K 5C6 Tel: 905 669 9444 Fax: 905-738-9033

Ship To: (1) DART AEROSPACE LADING PEC 60379 No: 22Aug17 at 11:54 From PFW Ship Date Probill Via VIM DELIVERY FOB CONCORD Frt PREPAID Route 0- 0 Manifest Vhcle Trailer Slp STAN IVERS (905-532-1350) Sold To: (20115) DART AEROSPACE

BILL OF LADING

TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **

TOTAL 2 BDLS GW. 120 LBS

818.23

Page: 2 Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

DATE

STAINLESS STEEL ROUND BAR 17-4 STAINLESS .750" DIA X 144.0000" PART NO.

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-060379-001

Pg 1/3



Acciaierie Valbruna sp.A.

36100 VICENZA (Italia) - Viale della scienza, 25 z.i. Telefono 0444.968211 - Fax 0444.963836 Stab.: 39100 BOLZANO (Italia) - Via A. Volta: 4/37 Telefono 0471.924111 - Fax 0471.924497

CERTIFICATO DI COLLAUDO - ABNAHMEPRUEFZEUGNIS - INSPECTION CERTIFICATE - CERTIFICAT DE RECEPTION

In conformità a: EN 10204 (2004), 3.1

Certificate nr. MEST695635 / 2015 / 1

Cliente / Besteller/Purchasar/Client VALBRUNA CANADA LTD 8724 HOLGATE CRESCENT L5T 5Z1 - MILTON, ONT L5T 5Z1 - CA

Stato di fomitura : Delivery state First de l'une e

Hot rolled - COND. A Peeled Recled/Polished

Produttore:

ACCIAIERIE VALBRUNA S.P.A.

Tipo di Elaborazione: E+AOD Ensermoleungsert Meiring process Mode d'elaboration

630

V174

Marchi di Fabbrica: Zeiches des "jefernwerkes Trade marks Sigles de Leene productie

Ordine nr. 411005034 Stock - Canada

Alestrale Microsin Number

Punzone del Collaudatore

MR

Conferma ordine nr: El14011935 Avviso di Spedizione: D-VI15014819 Lie eranzego Packing liste L.

Markenbezeichnung Brand 1 Nuanoe

Punzonatura: 630

Signed by:

SPECIFICHE : VSI 2 630 A

AISI 630

Amortonung an 7 Poequire

Auszmahrungen / Notes / Notes

AMS 2303 F. AMS 5843 T S17400 A ASME SA564 2013 S17400 A (0) ASTM A370 2014 . ASTM A564 2013 S17400 A

(DISECTION II PT A 2013 EDITION

		Tolleranza: ASTM A484-15 TABLE 7 Tolleranza: ASTM Pa484-15 TABLE 7					
Pos. nr. Pos. rr. Item rr. Ar. se porte	Oggetto Outpartant Product discrete Seasy, dispressio	Oimensioni - In	Lunghezza - In	Colate	Pezzi sessei Pens	Peso - LB	Lotto rar. Later. Later.
0060	Round	0,7500	146/ 146	265874	5	2.152	426809241

9-89 TEST ALLO STATO DI FORNITURA Test on delivery condition. Prüefung auf lieferbereitem produkt. test a fetat de fourniture. Prinche sobre el material así come entregade 1) .=longiturine lettings. T=:rasvers sie/quer, O=Tange rosalutunge one. Snervamento Snervamento Resistenza Snervamento Allungamento Strtzione Durezza TEST HB Valori richlesti min max 363 340

TEST ALLO STATO DI FORNITURA Test on delivery condition / Prüefung auf lieferbereitem produkt / Test a l'état de fourniture / Prueba sobre et material asi come entregade TEST A Delta Ferrite 5,0 1,0 % Grain size for ASTM E112 5 RATINGS FREQUENCY 1.10 0 RATINGS SEVERITY 1,05 0

Vicenza, 23/11/16 VQQ006 - MEST951072

(Mod. MCE2) NO SHARM CONTRACTOR (NO. 1917)

M. RIZZOTTO Frent

Pagina - 1 di 3

STAINLESS STEEL ROUND BAR 17-4 STAINLESS 750" DIA X 144.0000" PART NO.

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-060379-001

Pg 2/3



Acciaierie Valbruna s.p.A.

36100 VICENZA (Italia) - Viale della scienza, 25 z.i. Telefono 0444.968211 - Fax 0444.963836 Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4/37 Telefono 0471,924111 - Facc 0471,924497

CERTIFICATO DI COLLAUDO - ABNAHMEPRUEFZEUGNIS - INSPECTION CERTIFICATE - CERTIFICAT DE RECEPTION

In conformità a: EN 10204 (2004) . 3.1

Certificato IV. MEST695635 / 2015 / 1

Cliente / Besteller/Purchaser/Client VALBRUNA CANADA LTD 8724 HOLGATE CRESCENT L5T 5Z1 - MILTON, ONT L5T 5Z1 - CA

Stato di fornitura : Inderzustang Delivery state Elet de livraison

Hot rolled - COND. A Peeled Reeled/Polished

Produttore .

ACCIAIERIE VALBRUNA S.P.A.

Ordine nr 411005034 Stock - Canada

Tipo di Elaborazione: E+AOD

Marchi di Fabbrica:

Conferma ordine nr. El14011935 Wantes/Dur Order/Ref re.

LiebranzeiperPacking kiefflu.

Avviso di Spedizione: D-V115014819

Qualità:

Marca:

630

V174

Punzone del Collandatore: Birmpri det Werkspacherstansigen Impretor s simpfisingen de Fassayeur Punzonatura: 630

							Sample o	ond. H900					
Tipo Tratta Vestrubera riset Tras Trainrent Te	enders level	Temperatura Yengespia Temperatura Yengeratura		Freddermente diskustrum Oschr Islamstanust	Permanenza ristetaver remanenze Mentien	Tipo Traffamento filiam stonendung Hed Tredevers Frobmed Terro que	Temperatura Temperatur Temperatura Temperatura	Refrediamento Notworkery Coder Rete descripti	Permanenza Hallacarer Piotratores Bolinias	"Too Trattamento dos vallete saling Heal Treatment Trailment farreque	Temperatura Temperatura Temperatura Temperatura Temperatura	Raffreddamente Altumag Cross Rafridaenes	Dermanenza Habatear Hamanaca
Aging		900°F	1	AIR	60'								
				7) L=kn	ghadinalshings, I'm	rasversale/quer C=Ter	gcnz:sie/tangentis	1					
TEST	Eprom Large Death (March D	ITES Probects seed prounts door Specia Sons, Deta fora, Deta fora, Throusan rhare agels	°F	Poste. S Saggio	nervamento Secularite Viola Secon Linas ebise.a Rp 0.2% kai	direct-greezes Visid Street	Resistenza : Zaphrapsai isodo shargch esistema i baston Ren ksi	-	1	Strizione Erstrang Indutes of uses Bridges RA	Resilien Kortestés par Impact Vali Resilience	terb	Durezza Hania Hania Durin HB
Artmana	ri richi	med referen	m	iln ax	170	-	190	- 1		40	•		388
B	1	2.5	68	L	180		200	1	6	57		427	

Delta Ferrite according to AMS 2315.

					Cham	An	alisi d	himic	a Malysa chimqu					.,	
Colora Prinac Schradge/Coules	min - max 9,070	1,00	1,30	15,08	0,50	3.00 5.00	3,90 5,00	-	0,040	- B Date	0,350	-		-	-
265874	C % 0,038	Si % 0,42	Mn % 0,41	Cr % 15,18	Mo % 0,17	Cu % 3,34	Ni % 4,58	Co % 0,048	P %	S % 0,001	N % 0.045	Ta % 0.0018			
Colore Proui	men 0,150 max 0,350		5nc 0,35	0		-		-		-	1	0,000	1.		7
265874		%+Ta% 0,286		Cb(Nb						\ tax					-

Ultrasonic volumetric test according to ASTM A388: pass. Micro and macro etch test: satisfactory. Produced without class I-II Ozone depleting substances. Macroetch test per ASTM E340: acceptable. Furnace calibrated according to AMS-H-6875. Pyrometry in accordance with AMS2750. Reduction ratio = 103,2:1 Material solution annealed 1904°F for 1 h

air cooled to below 90°F Material is DFARS Compliant

Sono state soddisfatte tutte le condizioni richieste Use gastellen Anforderungen aus it. Anlage ortilli The material has been furn shed in accordance with the requirements La material & are trouvé conforme vers enigences.

Controllo antimescolanza: OK Tenwechshingsrufung speckralenelyteich deroégefühlt Antimioning teating parformed: CK Committe ontimilinge falt: r.e.a.

Controllo visivo e dimensionale: soddisfa le esigenze Renubliquity and dustressure onto the according Visual inspection and demendant of once sekelectory Centrole visual at principles a sekelectory

Vicenza, 23/11/16 VCQU08 - MEST961072 IMod. MCE2) wer

Il colleudatore di stabilimento i dor Werkezantverzajngige i Werks Inspector i L'egent d'usine

M.RIZZOTTO Kink

Pagina - 2 di 3

STAINLESS STEEL ROUND BAR 17-4 STAINLESS 750" DIA X 144.0000" PART NO.

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-060379-001

Pg 3/3



Acciaierie Valbruna S.A.

36100 VICENZA (Itaša) - Viale della scienza, 25 z.i. Telefono 0444,968211 - Fax 0444,963836 Stab.: 39:00 BOLZANO (Italia) - Via A. Volta, 4/37 Telefono 0471,924111 - Fax 0471,924497

CERTIFICATO DI COLLAUDO - ABNAHMEPRUEFZEUGNIS - INSPECTION CERTIFICATE - CERTIFICAT DE RECEPTION

In conformità a: EN 10204 (2004), 3.1

Certificato nr. MEST695635 / 2015 / 1 Pruking/TesVEssai

Nech/According to/Selbs Cliente / Bosteller/Purchascr/Client

VALBRUNA CANADA LTD 8724 HOLGATE CRESCENT L5T 5Z1 - MILTON, ONT L5T 5Z1 - CA Stato di fornitura

Tipo di Elaborazione: E+AOD

Hot rolled - COND. A Peeled Reeled/Palished

Produttore:

Signed by:

ACCIAIERIE VALBRUNA S.P.A.

Ordine nr. 411005034 Stock - Canada

Conferma ordine nr: El14011935

Qualită:

Encometaingean Meting process Made distanceion

630

Marchi di Fahhrica

V174

Punzone del Collaudatore: Simmuri dux Wertssachwerslandigen Inspezion's stampt? olingen de l'assayour

Avviso di Spedizione: D-VI15014819

Marca: Markensersione Brand / Nuence Punzonatura: 630

Melled and manufactured in Italy

No welding or weld repair Material free from Mercury contamination

We declare that the finished product is checked for radioactive confamination through Portal System when it leaves the production plant.

QUALITY MANAGEMENT SYSTEM CERTIFIED BY LLOYD'S REGISTER ACCORDING TO ISO 9001 : 2008, ISO/TS16949 : 2009, AS 9100C

The Quality Management System is Certified acc. Pressure Equipment Directive T97/23/ECT Annex 1,s.,4.3 and 2014/88/EU by TUEV and LLOYD'S Any act of tampering, modification, alteration, counterfetting and/or falsification and/or any other action which modifies the contents of this test certificate shall constitute a violation of applicable civil and criminal laws. Acciainne Valbruna shall protect its rights and interests before any competent court, authority and jurisdiction. Maxival and/or Valplus grades/products are manufactured with ladle techniques to control composition, distribution, size and shape of non-metallic inclusions for improved

The supplied product conforms to requirements expressly requested by the purchaser and conforms to requirements specified by certified norms and standards. Should the product be used for more severe, critical and/ or in any case different applications than those the material is generally intended for, any different and/or supplementary requirements shall be specifically demanded, at least, upon order of the Product by the Purchaser. Acciding Valbruna SpA shall not be responsible for any improper use of the

Vicenza, 23/11/16

VCQ008 - MEST961072

(Mod. NCE2) wilmer

Il collaudatore di stabilimento / der Werkssschwerzungtge / Works inspector / L'agorit d'usine

M.RIZZOTTO Kind

Pagina - 3 di 3

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511 .125" x .750" X 240.0000" PART NO.

PO/Rel 37472

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs. **Certificate of Mill Test Results**

BL PEC-060379-003

22Aug17 Pg 1/1

CAN ART ALUMINUM EXTRUSION L.P.

Material Test Report

Manifest: 322439

Ship To: ThyssenKrupp Materials NA

2821 Langstaff Road Concord, ON 14K 5C6 Ticket: 5530103

Signed by:

Our Order: 433923 - 1

Cust P.O.: 281574

Die: E805485

Part: 05485-000-240

Alloy Temper: 6061 T6511

Description: 125 x .750

Print Date: 3/28/17

				Ch	emical	Compos	sition Ra	nge			
6061	<u>Si</u>	Fe	Cu	Mn	Mg	Cr	<u>Zn</u>	Ti	OtherEach	OtherTotal	
Min	0.40		0.15		0.8	0.04					
Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15	

				ical Proper	ties		
			Si	rength ksi			
Sample ID	Cast #	Lot # DAS	Test Date	<u>Ultimate</u> <u>Tensile</u>	Yield 2% offset	Elongation 2" gage length	
426130	3B5358	9-3911	3/24/17	40.17	36.91	8.4	
	/						

Applicable Specifications: ASTMB221-14

4 AMS-QQ-A200/8A

Country of Origin: 85 Parkshore Drive, Brampton, Ontario CANADA L67 5M1

Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for additional costs which may be incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment.

Rahul Tiwari - Tensile Testing

Authorized:

Evan Eng, Quality Assurance Manager

DART AEROSPACE THYSSENKRUPP MATERIALS NA

STAINLESS STEEL ROUND BAR 303 STAINLESS .750" DIA X 144.0000" PART NO

PO/Rel 37472

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by Certificate of Mill Test Results

BL PEC-060379-002

Pg 1/2 22Aug17



North American Stainless Canada Inc. 740 Imperial Road North Guelph, ON N1K1Z3

METALLURGICAL TEST REPORT

Ghent, KY 41045-9615 6870 Highway 42 East (502) 347-6000

Certificate: 323857 -Mail To:

Customer:

007206 001

2821 LANGSTAFF ROAD CONCORD, ON LARSC6 THYSSEMGRUPP NATERIALS

2821 LANGSTAFF ROAD THYSSENKRUPP MATERIALS Ship To: CONCORD, ON LARSCS

Corregion: Finish Steel ! Dates 8 3.03 8/16/2017

Page:

Your Order:

PEC284884

S

order: PN 0082890

PRODUCT DESCRIPTION:

Round Ber, Admeried, Cold Draw UNS 30300, (ASTM A582)12 EN 10204 3.1, ASTM A484/16 AMS 5640V TYPE-1, CQS-7648 CONDITION A SOLUTION ANNEAL TEMP 1900F MIN, ASTM F899/12b

REMARKS:

COMPLIES W/REQUIREMENTS OF DEAR 252.225-7009 EU DIRECTIVE IN USA TREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION 2011/65/EU.ROHB. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MPG

Product Id BI9021 2 Skid # Diameter 7500 Size Weight 1,237 ----Length--144.00 Mark Pieces Commodity Code

CHEMICAL

ANALY

w

H

S

CM(Country of Mett)

ES(Spain) US(United States) ZA(South Africa) JP(Japan) Lab Accreditation Bureau, Chemical Analysis per ASTM A751/14a ISO/IEC 17025, Certificate# L2323

479E THE Heat DAS DS 0 0 03 .015 .3260 Nº IS 8 . 27 . 08 46 de 17.19 CR % Cd J. 28 M M 1.98 3 . 31 ¥ × .050 × H 8.61 No. .028

3 M C HANI n F d N O ď H RTI H ţ,

BI9021 2	Product Id
RL	ч о о
R L 219.0	HB No.
73.59	.2YS KSI
100.17	UTS
39.24	RA *
23.41	Elng % 4D

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Dept. Mgr. Technical

8/16/2017

DART AEROSPACE THYSSENKRUPP MATERIALS NA

STAINLESS STEEL ROUND BAR 303 STAINLESS 750" DIA X 144.0000"

PO/Rel 37472

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results

BL PEC-060379-002

22Aug17 Pg 2/2



North American Stainless Canada Inc.

METALLURGICAL TEST REPORT

Ghent, KY 41045-9615 (502) 347-6000 6870 Highway 42 East

Certificate: 323857 740 Imperial Road North Guelph, ON NIK1Z3 U Mail To:

007206 001 CONCORD, ON LAKSCE 2821 LANGSTAFF ROAD THYSSENKRUPP MATERIALS

Customer:

Your Orders

PEC284884

THYSSENKRUPP MATERIALS CONCORD, ON LAKSCE 2821 LANGSTAFF ROAD Ship To:

> Steel: 303 Date: 8/16/2017

> > Page

Corrosion: Finish: CD

MAS Order: PN 0082890 04

UNS 30300, ASTM A582/12 EN 10204 3.1, ASTM A484/16
AMS 5640V TYPE 1, QQS-764B COMDITION A
SOLUTION ARMEAL TEMP 1900F MIN, ASTM P899/12b Round Bar, Annealed, Cold Draw PRODUCT DESCRIPTION:

> IN USA PREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION COMPLIES W/REQUIREMENTS OF DFAR 252.225-7009 EU DIRECTIVE REMARKS 2011/65/EU.ROHS. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MEG

COLC + STREET	Weight Mark Piece	WeightI	Skid # Diameter Size	Product Id
BI9021 4 .7500 1,169 144.00 5 1	144.00 5 1	1,169	.7500	B19021 4

CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323 Chemical Analysis per ASTM A751/14a

CHEMICAL

ANALYSIS

		479E	MAS Heat
		SO	CM
	83		C
.3260	30	.015	₩
.3260 .27	S S SI %	.08	% 00
		17.19	Q »
		.28	CM C % CO % CR % CU % MN % MO %
		1.98	NON %
		.31	WO %
			M
		.050	96
		8.61	% IN
			10
		028	35

N M C HANIC AL d ROP 西以 H H

9A Elng 4D % 4D 39.24 23.41
39-24

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical Mgr.



MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M174 R0, 760 DATE: AUG 2 2 2017	PO/BATCH NO.: p37472/1139344
MATERIAL CERT REC'D: QUANTITY RECEIVED: QUANTITY INSPECTED: QUANTITY REJECTED:	THICKNESS ORDERED: 758 THICKNESS RECEIVED: 7749 SHEET SIZE ORDERED: 7749 SHEET SIZE RECEIVED:

DESCRIPTION	(Ch	CR leck (N)	COMMENTS
SURFACE DAMAGE	Y	N	
CORRECT FINISH	(4)	N	
CORROSION	Y	(10)	
CORRECT GRAIN DIRECTION	0	N	
CORRECT MATERIAL PER M-DRAWING	(Y)	N	Ams 5643
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	D	
CORRECT REF # TO LINK CERT	(8)	N	H+# 762874
CORRECT MATERIAL IDENTFICATION	8	N	7
CORRECT M# ON THE MATERIAL	Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	2	

CUT SAMPLE PIECE OF				SS CHECK.	
	RECORD RES	OF 12 REFO	VV		
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
	DAS	
INSPECTED BY:	5	SIGNED OFF BY:
DATE:	97AUG 2 3 2017	DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

DELEASEN 2010 -06- 29 S

REV. B SHEET 1 OF 1 10.05.20 05 03 16 COPPRIGHT © 2005 BY DART AEROSPACE LTD
THE PODUME'S SPRINT ACC. STREAM ACC. SPRINT OF THE SUNCESSMEN OF IT IT
NOT FORE USED OF ONE ARE REPORTED FOR COMPANION TO 10 ANY OFFICE RECEIVEMENT. DATE DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA
ORAWING NO
M17-4-R
SURE B C 17-4 SS ROUND BAR REFORMAT DWG, S17400/TYPE 630 ADDED TO PURCHASE MATERIAL (ZN D8-1), ADD A584 SPEC (C8-1), REF PAR 08-020A DATE 10.05.20 NEW ISSUE MFG. APPR. APPROVED CHECKED DESIGN REV

2

00

SPECIFICATION CONTROL DRAWING

 ∞

5

PURCHASE MATERIAL: 17-4 PHT STT400 / NYBED30 SS ROUND BAR
PR AMS 5643) ASTM A564
GNAIN MUSTER ALONG LENGTH OF BAR
MINIMUM THED TENSILE STRENGTH = 100 KSI
MINIMUM ULTIMATE TENSILE STRENGTH = 150 KSI

(10)

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ASTM A564 SPECIFICATION:

PART NUMBER:

8

M17-4-R|X.XXX| WHERE X.XXX = DIAMETER (IN INCHES)

O.D.

EG. 3.0" DIAMETER BAR = M17-4-R3.000

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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M303	· · · · · · · · · · · · · · · · · · ·	PO/BATCH NO.: 037472//13834
MATERIAL CERT REC'D: QUANTITY RECEIVED: 481 QUANTITY INSPECTED: 481 QUANTITY REJECTED:	35 Q	THICKNESS ORDERED: 708 THICKNESS RECEIVED: 749 SHEET SIZE ORDERED: 111 SHEET SIZE RECEIVED: 111
DESCRIPTION	NCR (Check	COMMENTS

DESCRIPTION	N((Ch Y/	eck	COMMENTS
SURFACE DAMAGE	Υ	(P)	
CORRECT FINISH	8	N	
CORROSION	Υ	A.	
CORRECT GRAIN DIRECTION	1	N	
CORRECT MATERIAL PER M-DRAWING	(Y)	N	45tm 4582
CORRECT THICKNESS	(3)	N	
PHOTO REQUIRED	Y	N)	
CORRECT REF # TO LINK CERT	(2)	И	Ht # 4798
CORRECT MATERIAL IDENTFICATION	Q)	N	
CORRECT M# ON THE MATERIAL	(4)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	3	
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	(Z)	

	CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW						
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	WEBSTER		
SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING							

testers located in the Quality Office

QC 18 INSPECTION		10.00	ENGINEERING SIGNOFF (if required)
	_	DAS	
INSPECTED BY:		5	SIGNED OFF BY:
DATE:	AUG 2 3 2017	9-89	DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

NELENSEN 2010 - 02-02

m	REFORMA	F DWG, ADD 8-020A	REFORMAT DWG, ADD SPECS (ZN D8-1). REF PAR 08-020A	G C	10.01.05
×	NEW ISSUE	221		SQ	01.12.20
REV.			DESCRIPTION	BY	DATE
DESIGN	-	B	DART AFRONDACE ITD	CFI	2
DRAWN		B	HAWKESBURY, ONTARIO, CANADA	O. CANAL	. A
CHECKED	٥		DRAWING NO		REV B
MFG. APPR.	PR.	BA	M303R		SHEET 1 OF 1
APPROVED	ED	YOU!	TITLE		SCALE
DE APPR	ئہ	1	303 ROUND BAR		NTS
DATE	10.01.05	05	COPYRIGHT © 2001 BY DART AEROSPACE LTD O 5 DOCUMER OR MAN TO THE LITE OF THE PROTECTION OF THE PROTEC	CA THE EXPRESS	LTD COMPT SA PATR *

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISH303-6S ROUND BAR (MOTE: AISH304/316 NOT ACCEPTABLE)

SPECIFICATION: PART NUMBER:

WHERE "D. DDD" = DIAMETER IN INCHES

EG. 0.75" ROUND BAR = M303R0.750

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00

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MGG14GB.750 X-125 DATE: AUG 2 3 2017	PO / BATCH NO.: 0037472/138344
MATERIAL CERT REC'D: QUANTITY RECEIVED: 401 QUANTITY REJECTED:	THICKNESS ORDERED: THICKNESS RECEIVED: SHEET SIZE ORDERED: SHEET SIZE RECEIVED:

DESCRIPTION	(Ch	CR eck (N)	COMMENTS
SURFACE DAMAGE	Υ	N	
CORRECT FINISH	(43)	N	
CORROSION	Y	B	
CORRECT GRAIN DIRECTION	0	N	
CORRECT MATERIAL PER M-DRAWING	(2)	N	Ams QQA 200
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(1)	
CORRECT REF # TO LINK CERT	8	N	#+ #3R5368
CORRECT MATERIAL IDENTFICATION	B	N	
CORRECT M# ON THE MATERIAL	8	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	0	
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW						
HRC HRB DUR A DUR D WEBSTE					WEBSTER	
TYPE OF MATERIAL						
SIZE OF TEST SAMPLE						
HARDNESS / DUROMETER READING						

testers located in the Quality Office

QC 18 INSPECTION	Commercial		ENGINEERING SIGNOFF (if required)
		DAS	
INSPECTED BY:		5	SIGNED OFF BY:
DATE:	AUG 2 3 2017	9-89	DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

REV. B SHEET 1 OF 1 09.07.13 DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. MOOG 1T6B 8 DS REMOVE CO.4-250/11 OPTION. REFORMAT NOTES, ADD ASTM B211/B221 (ZN D7-1) - 6061-T6 BAR CHECKED A CHECKED A CHECKED A CHECKED A CHECKED A CHECKED A CHECKED CH DESIGN

PURCHASE MATERIAL: 6061-76/T651/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION CONTROL DRAWING

0

SPECIFICATION:

QQ-A-225/8 OR AMS-QQ-A-286/8 (OR AMS 4117/4128/4115/4116) OR QQ-A-200/8 ORAMS-QQ-A-200/8 (OR AMS 4160) OR ASTM B211 OR AS MA B221

WHERE "T.TTT" = THICKNESS IN INCHES "WW WWW" = WIDTH IN INCHES M6061T6B T.TTT X WW.WWW WIDTH THICK

PART NUMBER:

8

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E G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

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QUOTATION

No: PEC ST-83832

Quoted By: THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ONTARIO L4K 5C6 Tel: 905 669 9444 Fax: 905-738-9033

Quoted To: (20115) DART AEROSPACE 1270 ABERDEEN ST HAWKESBURY, ON K6A 1K7

Quoted Ship To: (1) DART AEROSPACE 1270 ABERDEEN ST HAWKESBURY, ON K6A 1K7

Trm NET 30 DAYS/NET 30 JOURS Qtd 18Aug17 Qte Ref
Frt PREPAID Via FOB
Tel 613-632-9577 Fax 613-632-1053 Ctc CHANTAL
Slp STAN IVERS (905-532-1350)

SID STAN IVERS (905-532-1350)			=======
Test Certs: Chem-Y Phys-Y	Q U O T A T I O N 1 Original copies	QT No: PECs with Shipment, 1 with	ST-83832 Invoice
1 STAINLESS STEEL ROUND BAR .750" DIA X 144.0000" MATERIAL ENERGY & CAP SURCHG		1 PCS 7.9000 FT 25.0000 LOT	18 LBS 12 FT 94.80 25.00
2 STAINLESS STEEL HEX BAR 30 .50" HEX X 144.0000" MATERIAL	03 STAINLESS 12 FT @	1 PCS 5.3067 FT	9 LBS 12 FT 63.68
3 STAINLESS STEEL ROUND BAR .50" DIA X 144.0000" MATERIAL	303 STAINLESS 24 FT @	2 PCS 2.3200 FT	16 LBS 24 FT 55.68
4 STAINLESS STEEL ROUND BAR .625" DIA X 144.0000" MATERIAL	303 STAINLESS 12 FT @	1 PCS 4.7500 FT	12 LBS 12 FT 57.00
5 STAINLESS STEEL ROUND BAR .750" DIA X 144.0000" MATERIAL	303 STAINLESS 48 FT @	4 PCS 4.4200 FT	72 LBS 48 FT 212.16
6 STAINLESS STEEL ROUND BAR 1.00" DIA X 144.0000" MATERIAL	303 STAINLESS 24 FT @	2 PCS 7.9367 FT	64 LBS 24 FT 190.48
7 STAINLESS STEEL ROUND BAR 1.00" DIA X 144.0000" MATERIAL		1 PCS 7.9000 FT	32 LBS 12 FT 94.80
8 STAINLESS STEEL SHEET 3041 1200 Nom X 48.0000" X 96 MATERIAL	5.0000"	1 PCS 347.2000 EA	160 LBS

Page: 1Continued

Quoted By: THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ONTARIO L4K 5C6

Tel: 905 669 9444 Fax: 905-738-9033

Quoted To: (20115)
DART AEROSPACE

Quoted Ship To: (1) DART AEROSPACE

	QU	OTA	TI	O N	OT.	No: PEC ST-83832
. 04	80 Nom X 48 0000" X 120.00	00"			2 PCS 165.0000 EA	160 LB 330.00
MATE	MIAL				165.0000 EA	330.00
	NLESS STEEL SHEET 304 2B 00 Nom X 48.0000 X 120.00	00"			2 PCS	200 LB
	RIAL		PCS	@	208.5200 EA	417.04
	NLESS STEEL SHEET 304-2B 50 Nom X 48.0000" X 96.000	0 "			1 PCS	
MATE	RIAL	1	PCS	@	138.4300 EA	138.43
.125	INUM FLAT BAR 6061-T6511 " x .750" X 240.0000"	4.0	TIM		2 PCS	40 FT
MATE	RIÄL	40	F"I"		1.3750 FT	
1.25	INUM FLAT BAR 6061-T6511 0" x 2.00" X 144.0000" RIAL	10	יוים	@	1 PCS 8.2500 FT	12 FT
IMIE					0.2500 FI	
2.00	INUM FLAT BAR 6061-T6511 " x 4.50" X 144.0000" RIAL '	10	D.M.		1 PCS	12 FT
MATE	KIAL '		FT		26.6667 FT	320.00
	INUM ROUND BAR 6061-T6511 " DIA X 144.0000"				17 PCS	204 FT
		204			1.1323 FT	230.99
	INUM ROUND BAR 6061-T6511 " DIÀ X 144,0000"				1 PCS	6 LBS 12 FT
	RIAL	12	FT	@	4.5833 FT	
	INUM ROUND BAR 6061-T6511 0" DIA X 144.0000"				1 PCS	18 LBS
	RIAL	12	FT	@	5.5883 FT	67.06
	INUM SHEET 6061 T6 50 Nom X 48.0000" X 96.0000				1 PCS	1
MATE	RIAL		PCS	@	183.5600 EA	183.56
9 ALUM	INUM SHEET 2024 -T3	0"			1 PCS	27 LBS
MATE			PCS	@	237.5000 EA	237.50
0 ALUM	INUM SHEET 2024 -T3 40 Nom X 48.0000" X 144.000 No * NO STOCK UNTIL LAYE S				3 PCS	129 LBS

Page: 2Continued

Ouoted By:

THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD

CONCORD, ONTARIO L4K 5C6

Tel: 905 669 9444 Fax: 905-738-9033

Quoted To: (20115) DART AEROSPACE

Quoted Ship To: (1)

DART AEROSPACE

______ Q U O T A T I O N QT No: PEC ST-83832 129 LBS @ CWT

MATERIAL

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **

Price in effect at time of shipment. Price based on receipt of total order.

All weights are theoretical.

All orders are subject to credit approval.

**** TEL. 800-926-2600 ****

*** CUSTOMER PICK-UP HOURS ***

*** 9:00 AM TO 4:00 PM ***

WE STOCK STAINLESS STEEL!!!!!

PLEASE LET US QUOTE YOUR NEXT REQUIREMENT

*********** ***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE

ADDED TO EVERY ORDER. ***

*FOR OUR FULL SALES TERMS AND CONDITIONS, PLEASE

*VISIT OUR WEBSITE: www.copperandbrass.com

NO CANCELLATIONS ON PROCESSED MATERIAL.

Order Totals: 20 Items 1243 LBS ************** Material Processing Freight Other Taxes ORDER AMT 3,249.38 25.00 425.68 3,700.06 ************* 0.00 Taxes: ONHSTS 425.68 0.00

Page: 3Last

Quoted By: THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ONTARIO L4K 5C6

Tel: 905 669 9444 Fax: 905-738-9033

Quoted To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Quoted Ship To: (1) DART AEROSPACE 1270 ABERDEEN ST HAWKESBURY, ON K6A 1K7

	613-632-9577 Fax 613-632-1053 Ct STAN IVERS (905-532-1350)	===	====	====	=======	==========	======	
	Q U O T Test Certs: Chem-Y Phys-Y 1 Orig		l cor	oies	with Ship		ST-83	833 ce
1	ALUMINUM PLATE 7075-T651 DOMESTIC 1.250" THICK X 2.0000" X 144.5300	98			25/+3	PCS	109	LBS
	<pre><<< SP Ga Tol + 0.0000 - 0.0000 Pc/Tag WthTol + 0.1250 - 0.0000 Wt/Skd LthTol + 0.0000 - 0.0000 Ty</pre>		3	TONS	12.5	B abt		-
	MATERIAL ENERGY & CAP SURCHG		PCS	@	151.0600 25.0000		453 25	.18
2	ALUMINUM PLATE 7075-T651 DOMESTIC .375" THICK X 8 0000" X 144.5000" Part No * NO STOCK BAR OR PLATE *	**	LBS	@	1	PCS	44	LBS
3	ALUMINUM PLATE 7075-T651 DOMESTIC .750" THICK X 1.2500" X 92.5000"		-		† 2	PCS	22	LBS
	<pre><<< SP Ga Tol + 0.0000 - 0.0000 Pc/Tag WthTol + 0.1250 - 0.0000 Wt/Skd LthTol + 0.0000 - 0.0000 Ty</pre>		2	.10145	7.135	264		
	MATERIAL	2	PCS	@	55.0000) EA	110	.00
4	ALUMINUM PLATE 7075-T651 DOMESTIC 1.250" THICK X 7.0000" X 50.0000"			TONC		PCS 4.166661	990	LBS
	<pre><<< SP Ga Tol + 0.0000 - 0.0000 Pc/Tag WthTol + 0.0630 - 0.0000 Wt/Skd</pre>		22	LONS	926+	•	37.	عَرَوْن
	LthTol + 0.0630 - 0.0000 Ty MATERIAL		PCS	@	154.8359	EA	3,406	.39

Page: 1Continued

Quoted By: THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ONTARIO L4K 5C6 Tel: 905 669 9444 Fax: 905-738-9033

Ouoted To: (20115) Quoted Ship To: (1) DART AEROSPACE DART AEROSPACE QT No: PEC ST-83833 QUOTATION Ga Tol + 0.0000 - 0.0000 Pc/Tag 2 WthTol + 0.1250 - 0.0000 Wt/Skd LthTol + 0.0000 - 0.0000 Ty Pk MATERIAL 2 PCS MATERIAL 2 PCS @ 144.4400 EA 288.88 6 ALUMINUM PLATE 7075-T651 DOMESTIC 3 PCS 152 LBS Ga Tol + 0.0000 = 0.0000 Pc/Tag 3 WthTol + 0.1250 - 0.0000 Wt/Skd LthPol + 0.0000 - 0.0000 Ty Pk 3 PCS @ 321.5233 EA MATERIAL _____ 7 ALUMINUM PLATE 7075-T651 DOMESTIC 4 PCS 305 LBS 1.00" THICK X 5.0000" X 147.5000" <<<---->>> Ga Tol + 0.0000 - 0.0000 P / Tag 4 WthTol + 0.1250 - 0.0000 Wt/Skd U LthTol + 0.0000 - 0.0000 Ty Pk MATERIAL 295.1550 EA 4 PCS @ _____ MILL TEST REPORTS, PACKING SLIPS ARE TO SENT WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR TO SHIPPING. ATTN: CHANTAL/LINDA ** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER ** ** REFERENCED ON IT ** Price in effect at time of shipment. Price based on receipt of total order. All weights are theoretical. All orders are subject to credit approval. **** TEL. 800-926-2600 **** *** CUSTOMER PICK-UP HOURS *** *** 9:00 AM TO 4:00 PM *** ************ WE STOCK STAINLESS STEEL!!!!! * PLEASE LET US QUOTE YOUR NEXT REQUIREMENT ***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE ADDED TO EVERY ORDER. *** **************** *FOR OUR FULL SALES TERMS AND CONDITIONS, PLEASE *VISIT OUR WEBSITE: www.copperandbrass.com NO CANCELLATIONS ON PROCESSED MATERIAL.

Page: 2Continued

OUOTATION

No: PEC ST-83833

Quoted By: THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ONTARIO L4K 5C6

Tel: 905 669 9444 Fax: 905-738-9033

Quoted To: (20115) DART AEROSPACE Quoted Ship To: (1)

DART AEROSPACE

QUOTATION QT No: PEC ST-83833

Order Totals: 7 Items 1687 LBS ***************** Material Processing Freight Other Taxes ORDER AMT 6,403.64 25.00 835.71 7,264.35

Page: 3Last

21Aug17 12:53 SALES ACKNOWLEDGMENT No: PEC ST-84421

Sold By: THYSSENKRUPP MATERIALS NA

THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD

CONCORD, ONTARIO L4K 5C6

Tel: 905 669 9444 Fax: 905-738-9033

Ship From:

THYSSENKRUPP MATERIAUX NA

4700 BOIS FRANC

ST. LAURENT, QC H4S 1A7

Sold To: (20115) DART AEROSPACE 1270 ABERDEEN ST

HAWKESBURY, ON K6A 1K7

Ship To: (1) DART AEROSPACE 1270 ABERDEEN ST

HAWKESBURY, ON K6A 1K7

Trm NET 30 DAYS/NET 30 JOURS Ord 21Aug17 Due22Aug17

Frt PREPAID Via VIM DELIVERY FOB CONCORD

Con 96294 PO/Rel 37472

Slp STAN IVERS (905-532-1350) Tel 613-632-9577 Fax 613-632-1053

SALES ACKNOWLEDGMENT SO No PEC ST-84421
Test Certs: Chem Y Phys Y 1 Original copies with Shipment, 1 with Invoice

_	1 STAINLESS STEEL ROUND BAR 17- .750" DIA X 144.0000"	4 STAINLESS	1 PCS	18 LBS 12 FT
	MATERIAL	12 FT @	7.9000 FT	94.80
	ENERGY & CAP SURCHG		25.0000 LOT	25.00
-				
2	2 STAINLESS STEEL ROUND BAR 303	STAINLESS	4 PCS	72 LBS 48 FT
	MATERIAL	48 FT @	4.4200 FT	212.16
-	3 ALUMINUM FLAT BAR 6061-T6511		2 PCS	5 LBS
	.125" x .750" X 240.0000"			40 FT
	MATERIAL	40 FT @	1.3750 FT	55.00

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **

** CUSTOMER PICK-UP HRS / 9:00 AM TO 4:00 PM **

*** TEL. 800-926-2600 ***

* WE STOCK STAINLESS STEEL!!!!

PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE ADDED TO EVERY ORDER.

*FOR OUR FULL SALES TERMS AND CONDITIONS, PLEASE

*VISIT OUR WEBSITE: www.copperandbrass.com

NO CANCELLATIONS ON PROCESSED MATERIAL.

Order Totals: 3 Items 95 LBS

Material Processing Freight Other Taxes ORDER AMT

Page: 1Continued

21Aug17 12:53 SALES ACKNOWLEDGMENT No: PEC ST-84421

Sold By: THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD

CONCORD, ONTARIO L4K 5C6

Tel: 905 669 9444 Fax: 905-738-9033

Ship From: THYSSENKRUPP MATERIAUX NA 4700 BOIS FRANC ST. LAURENT, QC H4S 1A7

Sold To: (20115)

Ship To: (1)

DART AEROSPACE

DART AEROSPACE _______

SALES ACKNOWLEDGMENT SO NO PEC ST-84421 Test Certs: Chem Y Phys Y 1 Original copies with Shipment, 1 with Invoice

25.00 50.30 437.26 *****************

Taxes: ONHSTS 50.30

Page: 2 Last

21Aug17 15:04 SALES ACKNOWLEDGMENT No: PEC ST-84556

Sold By:

THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD

CONCORD, ONTARIO L4K 5C6

Tel: 905 669 9444 Fax: 905-738-9033

Sold To: (20115) DART AEROSPACE 1270 ABERDEEN ST

HAWKESBURY, ON K6A 1K7

Ship To: (1) DART AEROSPACE 1270 ABERDEEN ST

HAWKESBURY, ON K6A 1K7

22 PCS

990 LBS

Trm NET 30 DAYS/NET 30 JOURS Ord 21Aug17 Due23Aug17

Frt PREPAID FOB CONCORD Via O/T

Con 96294 PO/Rel 37472

Slp STAN IVERS (905-532-1350) Tel 613-632-9577 Fax 613-632-1053

SALES ACKNOWLEDGMENT SO NO PEC ST-84556 Test Certs: Chem Y Phys Y 1 Original copies with Shipment, 1 with Invoice

1 ALUMINUM PLATE 7075-T651 DOMESTIC 1.250" THICK X 7.0000" X 50.0000"

<<<---->>>

Ga Tol + 0.0000 - 0.0000 Pc/Tag 22

WthTol + 0.0630 - 0.0000 Wt/Skd

LthTol + 0.0630 - 0.0000 Ty Pk

22 PCS @ 154.8359 EA 3,406.39 MATERIAL _____

1 PCS 128 LBS 2 ALUMINUM FLAT BAR 6061-T6511 12 FT 2.00" x 4.50" X 144.0000" 12 FT @ 26.6700 FT 320.04 MATERIAL

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **

** CUSTOMER PICK-UP HRS / 9:00 AM TO 4:00 PM **

*** TEL. 800-926-2600 ***

WE STOCK STAINLESS STEEL!!!!

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE

ADDED TO EVERY ORDER. ***

*FOR OUR FULL SALES TERMS AND CONDITIONS, PLEASE

*VISIT OUR WEBSITE: www.copperandbrass.com **********

NO CANCELLATIONS ON PROCESSED MATERIAL. ***************

Order Totals: 2 Items 1,118 LBS ****************

Material Processing Freight Other Taxes ORDER AMT 484.44 4,210.87

Page: 1Continued

21Aug17 15:04 SALES ACKNOWLEDGMENT No: PEC ST-84556

Sold By:

THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ONTARIO L4K 5C6

Tel: 905 669 9444 Fax: 905-738-9033

Sold To: (20115) DART AEROSPACE Ship To: (1) DART AEROSPACE

Taxes: ONHSTS 484.44

Page: 2 Last



Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO37472

Purchase Order Date 8/18/2017 PO Print Date 8/18/2017

Page Number 1 of 4

Order From:

VC-COP001

THYSSENKRUPP MATERIALS CA LTD O/A VPK METAL- C/O T27540/PO BOX 4275.POSTAL"A" TORONTO, ON M5W 5V8

CA

DART AEROSPACE LTD Ship To:

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Contact Name

Vendor Phone

Ship To Phone

905 669 9444

Buyer

Chantal Lavoie

VENDOR'S TRUCK

Customer POID Customer Tax#

10127-2607

Ship To Contact

Terms Currency Net 30 CAD

FOB

FCA - (Free Carrier)

Ship Via: Ship Acct:

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
I	M174R0.750	17-4 round bar .750	8/31/2017		12.00	\$7.95	\$95.40
			Yes		f		
			8/31/2017				

17-4PH/S17400/TYPE 630 SS ROUND BAR PER AMS 5643/ASTM A564 GRAIN MUST BE ALONG LENGTH OF BAR. MINIMUM YIELD TENSILE STRENGTH = 100KSI MINIMUM ULTIMATE TENSILE STRENGTH = 150 KSI

M303R0.750

303 Round Bar 0.750

8/31/2017

Yes

8/31/2017

Line Total:

\$95.40

\$4.42

\$212.16

MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582

NOTE: AISI 304/316 NOT ACCEPTABLE

FP 17-8-23. Line Total:

\$212.16

PO Instructions: no pec st-83832 and st-83833

Note:



Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO37472

Purchase Order Date 8/18/2017 PO Print Date 8/18/2017

Page Number 2 of 4

Order From:

VC-COP001

THYSSENKRUPP MATERIALS CA LTD O/A VPK METAL- C/O T27540/PO BOX 4275.POSTAL"A" TORONTO, ON M5W 5V8

CA

Ship To: DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Contact Name

Vendor Phone

905 669 9444

Ship To Contact

Ship To Phone

Ship Via:

VENDOR'S TRUCK

Ship Acct:

M6061T6B00750X00.125

6061-T6 Bar .750 x .125

8/31/2017

Yes

8/31/2017

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221

Buyer

Chantal Lavoie

CAD

Customer POID

Customer Tax # 10127-2607 Terms Net 30

Currency FOB

FCA - (Free Carrier)

40.00 \mathbf{f}

\$1.38

\$55.00

RA-8-23. Line Total:

\$55.00

M6061T6B2.000X04.500

6061T6 Bar 2.00 x 4.500

8/31/2017

12.00

f

\$26.67

\$320.00

(cut to 5.00 OR 5.625

+.030"/-.000)

Yes 8/31/2017

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QO-A-200/8 OR AMS-QO-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221

Line Total:

\$320.00

PO Instructions: no pec st-83832 and st-83833

Note:



Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO37472

Purchase Order Date 8/18/2017 PO Print Date 8/18/2017

Page Number 3 of 4

Order From:

VC-COP001

THYSSENKRUPP MATERIALS CA LTD O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A" TORONTO, ON M5W 5V8

CA

Ship To: DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Contact Name

Vendor Phone

Buyer

Chantal Lavoie

905 669 9444

Customer POID Customer Tax #

10127-2607

Ship To Contact

Ship To Phone Ship Via:

Terms Currency Net 30 CAD

VENDOR'S TRUCK

FOB

FCA - (Free Carrier)

Ship Acct:

M7075T6S1.250X2.000

7075-T6 SHEET 1.250" X

8/31/2017

36.13

\$12.59 \$454.84

Yes

8/31/2017

f

MAT'L 7075-T6/T62 ALUMINUM SHEET SPECS QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR PER ASTM B209

2.000°

MAT'L 7075-T6/T62 ALCLAD ALUMINUM SHEET SPECS QQ-A-250/13 OR AMS-QQ-A-250/13 OR AMS 4049 OR PER ASTM B209

Line Total:

\$454.84

M7075T6S0,750X1,250

M7075T6S0.750X1.250

8/31/2017

15.42 f \$7.14

\$110.00

8/31/2017

Yes

MAT'L 7075-T6/T62 ALUMINUM SHEET

SPECS QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR PER ASTM B209

MAT'L 7075-T6/T62 ALCLAD ALUMINUM SHEET

SPECS QQ-A-250/13 OR AMS-QQ-A-250/13 OR AMS 4049 OR PER ASTM B209

Line Total:

\$110.00

PO Instructions: no pec st-83832 and st-83833

Note:



Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO37472

Purchase Order Date 8/18/2017 PO Print Date 8/18/2017

Page Number 4 of 4

Order From:

VC-COP001

THYSSENKRUPP MATERIALS CA LTD O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A" TORONTO, ON M5W 5V8

CA

Ship To: DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Contact Name

Vendor Phone

905 669 9444

Buyer

Terms

FOB

Currency

Chantal Lavoie

Customer POID Customer Tax#

10127-2607

FCA - (Free Carrier)

Ship To Contact

Ship To Phone

VENDOR'S TRUCK

Net 30

CAD

Ship Via: Ship Acet:

7075-T6 SHEET 1.25" X

8/31/2017

92.00

\$37.03

\$3,406.38

M7075T6S1.250X7.000

7.000" ORDER PRE CUT

f

TO 50.00"

Yes

8/31/2017

NOTE 22 PCS COT AT 50" LONG

MAT'L 7075-T6/T62 ALUMINUM SHEET

SPECS QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR PER ASTM B209

MAT'L 7075-T6/T62 ALCLAD ALUMINUM SHEET

SPECS QQ-A-250/13 OR AMS-QQ-A-250/13 OR AMS 4049 OR PER ASTM B209

Line Total:

\$3,406.38

71401-45

PROCUREMENT *QUALITY CLAIUSES* 8/31/2017

8/31/2017

No

\$0.00

\$0.00

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier A043 retension of quality documents

RA8.23.

Line Total:

\$0.00

PO Total:

\$4,653.78

PO Instructions: no pec st-83832 and st-83833

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr:

1

Change Date:

8/18/2017